



Fig. 1a

ATG	AGG	GCG	CTG	GAG	GGG	CCA	GGC	CTG	TCG	CTG	CTG	TGC	CTG	GTG	TTG	48
Met	Arg	Ala	Leu	Glu	Gly	Pro	Gly	Leu	Ser	Leu	Leu	Cys	Leu	Val	Leu	
GCG	CTG	CCT	GCC	CTG	CTG	CCG	GTG	CCG	GCT	GTA	CGC	GGA	GTG	GCA	GAA	96
Ala	Leu	Pro	Ala	Leu	Leu	Pro	Val	Pro	Ala	Val	Arg	Gly	Val	Ala	Glu	
ACA	CCC	ACC	TAC	CCC	TGG	CGG	GAC	GCA	GAG	ACA	GGG	GAG	CGG	CTG	GTG	144
Thr	Pro	Thr	Tyr	Pro	Trp	Arg	Asp	Ala	Glu	Thr	Gly	Glu	Arg	Leu	Val	
TGC	GCC	CAG	TGC	CCC	CCA	GGC	ACC	TTT	GTG	CAG	CGG	CCG	TGC	CGC	CGA	192
Cys	Ala	Gln	Cys	Pro	Pro	Gly	Thr	Phe	Val	Gln	Arg	Pro	Cys	Arg	Arg	
GAC	AGC	CCC	ACG	ACG	TGT	GGC	CCG	TGT	CCA	CCG	CGC	CAC	TAC	ACG	CAG	240
Asp	Ser	Pro	Thr	Thr	Cys	Gly	Pro	Cys	Pro	Pro	Arg	His	Tyr	Thr	Gln	
TTC	TGG	AAC	TAC	CTG	GAG	CGC	TGC	CGC	TAC	TGC	AAC	GTC	CTC	TGC	GGG	288
Phe	Trp	Asn	Tyr	Leu	Glu	Arg	Cys	Arg	Tyr	Cys	Asn	Val	Leu	Cys	Gly	
GAG Glu	CGT Arg	GAG Glu	GAG Glu 100	GAG Glu	GCA Ala	CGG Arg	GCT Ala	TGC Cys 105	CAC His	GCC Ala	ACC Thr	CAC His	AAC Asn 110	CGT Arg	GCC Ala	336
TGC	CGC	TGC	CGC	ACC	GGC	TTC	TTC	GCG	CAC	GCT	GGT	TTC	TGC	TTG	GAG	384
Cys	Arg	Cys	Arg	Thr	Gly	Phe	Phe	Ala	His	Ala	Gly	Phe	Cỵs	Leu	Glu	
CAC	GCA	TCG	TGT	CCA	CCT	GGT	GCC	GGC	GTG	ATT	GCC	CCG	GGC	ACC	CCC	432
His	Ala	Ser	Cys	Pro	Pro	Gly	Ala	Gly	Val	Ile	Ala	Pro	Gly	Thr	Pro	
AGC	CAG	AAC	ACG	CAG	TGC	CAG	CCG	TGC	CCC	CCA	GGC	ACC	TTC	TCA	GCC	480
Ser	Gln	Asn	Thr	Gln	Cys	Gln	Pro	Cys	Pro	Pro	Gly	Thr	Phe	Ser	Ala	
`AGC	AGC	TCC	AGC	TCA	GAG	CAG	TGC	CAG	CCC	CAC	CGC	AAC	TGC	ACG	GCC	528
Ser	Ser	Ser	Ser	Ser	Glu	Gln	Cys	Gln	Pro	His	Arg	Asn	Cys	Thr	Ala	
CTG	GGC	CTG	GCC	CTC	AAT	GTG	CCA	GGC	TCT	TCC	TCC	CAT	GAC	ACC	CTG	576
Leu	Gly	Leu	Ala	Leu	Asn	Val	Pro	Gly	Ser	Ser	Ser	His	Asp	Thr	Leu	
					GGC Gly										GCT Ala	624
															ATC Ile	672
TCC	ATC	AAG	AGG	CTG	CAG	CGG	CTG	CTG	CAG	GCC	CTC	GAG	GCC	CCG	GAG	720
Ser	Ile	Lys	Arg	Leu	Gln	Arg	Leu	Leu	Gln	Ala	Leu	Glu	Ala	Pro	Glu	
GGC	TGG	GGT	CCG	ACA	CCA	AGG	GCG	GGC	CGC	GCG	GCC	TTG	CAG	CTG	AAG	768
Gly	Trp	Gly	Pro	Thr	Pro	Arg	Ala	Gly	Arg	Ala	Ala	Leu	Gln	Leu	Lys	

Fig. 1b

								GCG Ala	816
	 	 	-					GGG Gly	864
	 	CGT Ara							900

Fig. 2a

gcto	ctcc	ctgc	cca	gcaa	ggac	c ato	3 439 19	g gcg	g cts L	g gag E	G 9 999	g cca P	a ggo G	c ctg L	51
tcg S	ctg L	ctg L	tgc C	ctg L	gtg V	ttg L	gcg A	ctg L	cct P	gcc A	ctg L	ctg L	ccg P	gtg V	96
ccg P	gct A	gta V	cgc R	gga G	gtg V	gca A	gaa E	aca T	ccc P	acc T	tac Y	ccc P	tgg W	cgg R	141
gac D	gca A	gag E	aca T	G 999	gag E	cgg R	ctg L	gtg V	tgc C	gcc A	cag Q	tgc C	ccc P	cca P	186
ggc G	acc T	ttt F	gtg V	cag Q	cgg R	ccg P	tgc C	rgc R	cga R	gac D	agc S	CCC P	acg T	acg T	231
tgt C	ggc ggc	ccg P	tgt C	cca P	ccg P	cgc R	cac H	tac	acg T	cag Q	ttc F	tgg W	aac N	tac Y	276
ctg L	gag E	cgc R	tgc C	cgc R	tac Y	tgc C	aac N	gtc	ctc L	tgc C	G 999	gag E	cgt R	gag E	321
gag E	gag E	gca A	cgg R	gct A	tgc C	cac H	gcc A	acc T	cac H	aac N	cgt R	gcc A	tgc C	cgc R	366
tgc C	cgc R	acc C	ggc R	ttc T	ttc G	gcg F	cac F	gct A	ggt H	ttc A	tgc G	ttg F	gag C	cac L	411
gca E	tcg H	tgt A	cca S	cct C	ggt P	gcc P	ggc G	gtg A	att	gcc	ccg	ggc A	acc P	ccc G	456
agc T	cag P	aac S	acg Q	cag N	tgc T	cag Q	ccg C	tgg Q	CCC P	cca C	ggc P	acc P	ttc G	tca T	501
gcc F	agc S	agc A	tcc S	agc S	tca S	gag S	cag S	tgc E	cag Q	ccc C	cac Q	cgc P	aac H	tgc R	546
acg N	gcc C	ctg T	ggc A	ctg L	gcc G	ctc	aat A	gtg L	dca N	y ggc	tct P	tcc G	tcc S	cat S	591
gac S	acc H	ctg D	tgc T	acc L	agc C	tgc T	act S	ggc C	t dc	ccc G	ctc F	agc P	acc L	agg S	636
gta T	cca R	gga V	gct P	gag G	gag A	tgt E	gag E	cgt	gcd	gtc \R	atc A	gac V	ttt I	gtg D	681
gct F	ttc V	cag A	gac F	atc Q	tcc D	atc I	aag S	agg I	ctg K	çag	r caa	ctg Q	ctg R	cag L	726
gcc L	ctc Q	gag A	gcc L	ccg E	gag A	ggc P	tgg E	gct G	ccg.	ada A	cca P	agg T	gcg P	ggc R	771

Hig. 2b

								ı							
cgc A	gcg G		ttg A	cag A	ctg L	aag Q	ctg L	cgt K	cgg.	cgg R	ctc R	acg R	gag L	ctc T	816
ctg E	Г 333	gcg L	cag G	gac A	б ааа	gcg D	ctg G	ctg	gtg L	cgg L		ctg R	cag L	gcg L	861
ctg Q	cgc A	gtg L	gcc R	agg V	atg A	ccc R	999 M	CDD	_ ga g	cgg L	agc E	gtc R	cgt S	gag V	906
cgc R	ttc E	ctc R	cct F	gtg L	cac P	tga W	tcc H	tgg	ccc						936



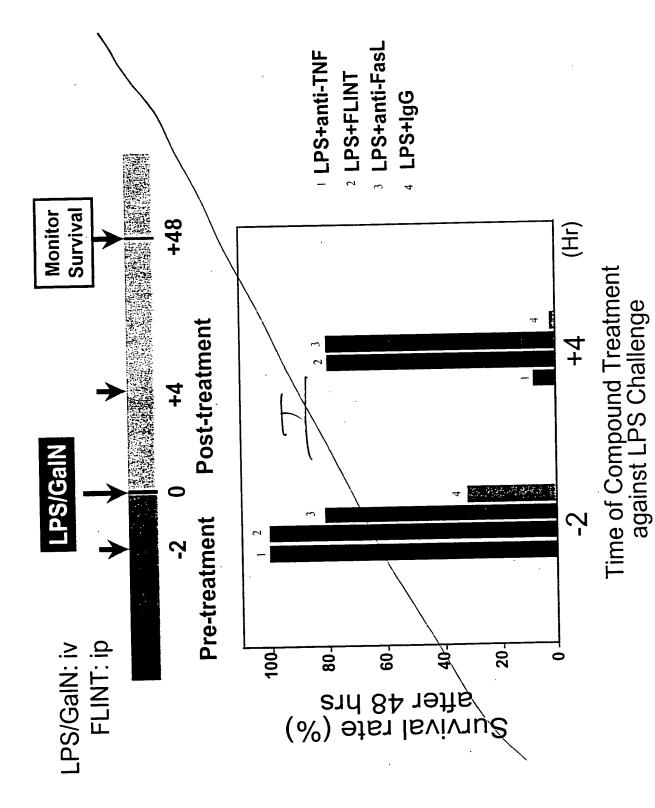
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V	A	E	T	P	T	Y	P	W	R	D	A	E	T	G	
gag E	cgg R	ctg L	gtg V	tgc C	gcc A			ccc P	cca P	ggc G	acc T	ttt F	gtg V	cag Q	90
cgg	ccg	tgc	cgc	cga	gac	agc	CCC	acg	acg	tgt	ggc	ccg	tgt	cca	135
R	P	C	R	R	D	S	P	T	T	C	G	P	C	P	
ccg	cgc	cac	tac	acg	cag	ttc	tgg	aac	tac	ctg	gag	cgc	tgc	cgc	180
P	R	H	Y	T	Q	F	W	N	Y	L	E	R	C	R	
tac	tgc	aac	gtc	ctc	tgc	ggg	gag	cgt	gag	gag	gag	gca	cgg	gct	225
Y	C	N	V	L	C	G	E	R	E	E	E	A	R	A	
tgc	cac	gcc	acc	cac	aac	cgt	gcc	tgc	cgc	tgc	cgc	acc	ggc	ttc	270
C	H	A	T	H	N	R	A	C	R	C	R	T	G	F	
ttc	gcg	cac	gct	ggt	ttc	tgc	ttg	gag	cac	gca	tcg	tgt	cca	cct	315
F	A	H	A	G	F	C	L	E	H	A	S	C	P	P	
ggt G	gcc A '		gtg V	att I	gcc A	ccg P	ggc G	acc T	ccc P	agc S	cag Q	aac N	acg T	cag Q	360
tgc C	cag Q		tgc C	ccc P	cca P	ggc G	acc T	ttc F	tca S	gcc A	agc S	agc S	tcc S	agc S	405
tca S	gag E	cag Q	tgc C	cag Q	ccc P		cgc R	aac N	tgc C		gcc A	ctg L	ggc G	ctg L	450
gcc	ctc	aat	gtg	cca	ggc	tct	tcc	tcc	cat	gac	acc	ctg	tgc	acc	495
A	L	N	V	P	G	S	S	S	H	D	T	L	C	T	
agc	tgc	act	ggc	ttc	ccc	ctc	agc	acc	agg	gta	cca	gga	gct	gag	540
S	C	T	G	F	P	L	S	T	R	V	P	G	A	E	
gag	tgt	gag	cgt	gcc	gtc	atc	gac	ttt	gtg	gct	ttc	cag	gac	atc	585
E	C	E	R	A	V	I	D	F	V	A	F	Q	D	I	
tcc S gag	I	K	agg R ggt	${f L}$	Q	R	L	${f L}$	Q	A	${f L}$	E	А	P	630 675
Ē	Ğ	W	Ğ	P	Т	Р	R	A	G	R	A	А	L	Q	
ctg L	aag K	ctg L	cgt R	cgg R	cgg R	ctc L		gag E	ctc L	ctg L	ggg G	gcg A	cag Q	gac D	720
ggg G	gcg A	ctg L	ctg L	gtg V	cgg R	ctg L		cag Q	gcg A	ctg L		gtg V	gcc A	agg R	765
atg	CCC	ggg	ctg	gag	cgg	agc	gtc	cgt	gag	cgc	ttc	ctc	cct	gtg	810
M	P	G	L	E	R	S	V	R	E	R	F	L	P	V	
cac															813

Fig. 4a

							,								
gtg	gca	gaa	aca	ccc	acc	tac	CCC	tgg	cgg	gac	gca	gag	aca	G	45
V	A	E	T	P	T	Y	P	W	R	D	A	E	T	333	
gag	cgg	ctg	gtg	tgc	gcc	cag	tgc	CCC	cca	ggc	acc	ttt	gtg	cag	90
E	R	L	V	C	A	Q	C	P	P	G	T	F	V	Q	
cgg	ccg	tgc	cgc	cga	gac	agc	ccc	acg	acg	tgt	ggc	ccg	tgt	cca	135
R	P	C	R	R	D	S	P	T	T	C	G	P	C	P	
ccg	cgc	cac	tac	acg	cag	ttc	tgg	aac	tac	ctg	gag	cgc	tgc	cgc	180
P	R	H	Y	T	Q	F	W	N	Y	L	E	R	C	R	
tac	tgc	aac	gtc	ctc	tgc	G	gag	cgt	gag	gag	gag	gca	cgg	gct	225
Y	C	N	V	L	C	999	E	R	E	E	E	A	R	A	
tgc C	cac H	gcc A	acc T	cac H	aac N	cgt R	gcc	tgc C	cgc R	tgc C	cgc R	acc C	ggc R	ttc T	270
ttc	gcg	cac	gct	ggt	ttc	tgc	t g	gag	cac	gca	tcg	tgt	cca	cct	315
G	F	F	A	H	A	G	F	C	L	E	H	A	S	C	
ggt	gcc	ggc	gtg	att	gcc	ccg	ggc	acc	ccc	agc	cag	aac	acg	cag	360
P	P	G	A	G	V	I	A	P	G	T	P	S	Q	N	
tgc	cag	ccg	tgc	CCC	cca	ggc	acc	ttc	tca	gcc	agc	agc	tcc	agc	405
T	Q	C	Q	P	C	P	P	G	T	F	S	A	S	S	
tca	gag	cag	tgc	cag	ccc	cac	cgc	aac	tgc	acg	gcc	ctg	ggc	ctg	450
S	S	S	E	Q	C	Q	P	H	R	N	C	T	A	L	
gcc	ctc	aat	gtg	cca	y	tct/	tcc	tcc	cat	gac	acc	ctg	tgc	acc	495
G	L	A	L	N	ggc	P	G	S	S	S	H	D	T	L	
agc C	tgc T		C ggc		ccc G	ct¢ F	agc P	acc I	agg S	gta T	cca R	gga V	gct P	gag G	540
gag A	tgt E	gag E	cgt C	gcc E	gtc R	atc A		ttt		gct E		cag A	gac F	atc Q	585
tcc D	atc I	aag S	agg I	ctg K	cag R	cgg L	ctg Q	ctg R	cag L		ctc Q	gag A	gcc L	ccg E	630
gag A	ggc P	tgg E	gct G	ccg W	aca A	cca P	agg T	gcg	ggc R	cgc A	gcg G	gcc R	ttg A	cag A	675
ctg L	aag Q	ctg L		cgg L	cgg R	ctc R	acg R	gag L	qtc	ctg E	Б В	gcg L	cag G		720

Fig. 4b															
999 Q	gcg D	ctg G			cgg L	ctg V	ctg R	dag	gcg L	ctg Q		gtg L	gcc R	agg V	765
atg A	ccc R	м 999	ctg P	gag G	cgg L	agc E	gtc R	cgt	gag V	cge R	ttc E	ctc R	cct F	gtg L	810
cac P	tga W	tcc H	tgg	CCC											825





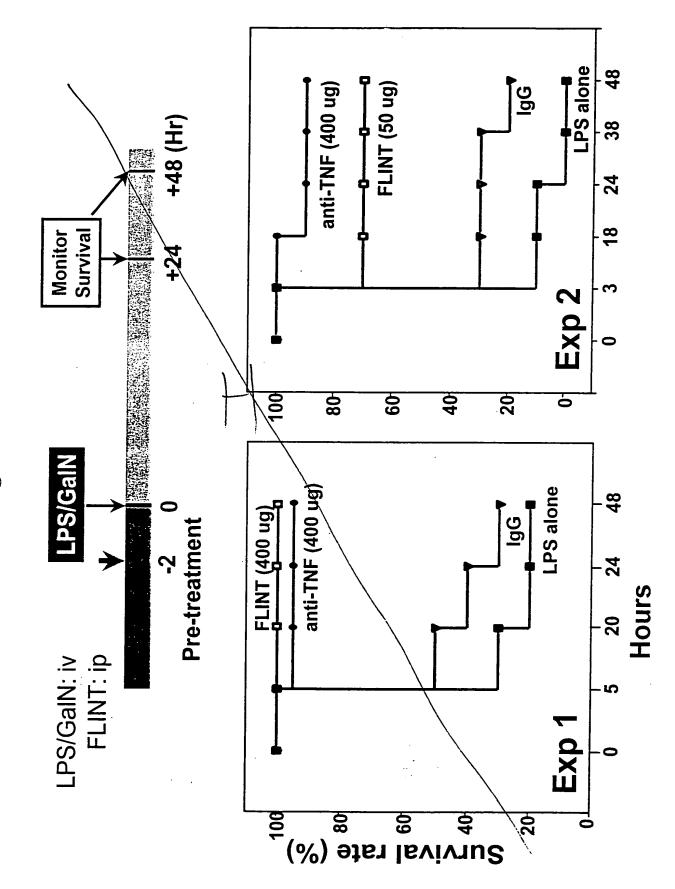
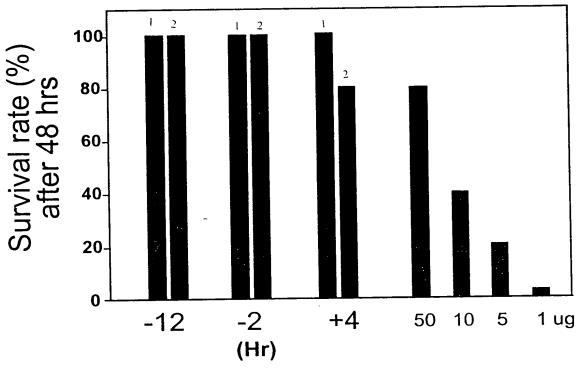


Fig. 6

Fig. 7





Time of Compound Treatment against LPS Challenge

Fig. 8

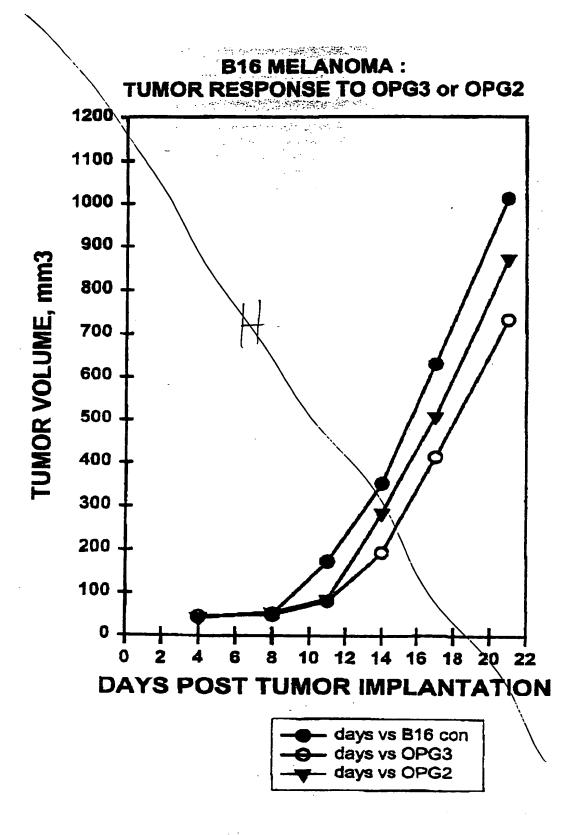


Fig. 9

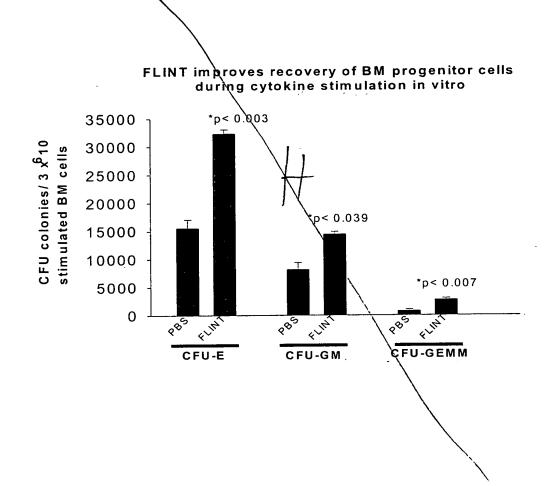


Fig. 10

